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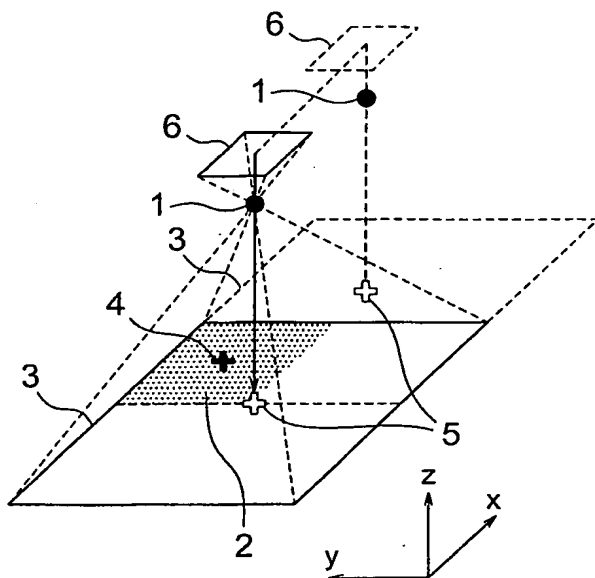
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(54) Title: METHOD FOR PRODUCING MULTI-VIEWPOINT IMAGE FOR THREE-DIMENSIONAL IMAGE DISPLAY
AND PROGRAM THEREFOR



(57) Abstract: A method for producing a multi-viewpoint image for a three-dimensional image display, includes: providing a plurality of viewpoints to be spaced at equal intervals in direction perpendicular to a single reference projection plane including target viewpoints serving as reference are spaced at constant intervals in a first direction parallel to the reference projection plane; providing a plurality of individual target viewpoints which are respectively different from the target viewpoints serving as reference and serve as feet of a perpendicular to the plurality of viewpoints, corresponding to the respective viewpoint, on a projection plane which is a plane including the reference projection plane; making determination such that the shapes and the sizes of the individual projection planes are included in the reference projection plane in overlapping regions of the individual projection planes acquired from two viewpoints positioned at the outermost positions of the plurality of viewpoints; and clipping only regions of the reference projection plane from the individual projection planes acquired from the respective viewpoints to form a multi-viewpoint image for three-dimensional image display.



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